

Sidewalk Study

DRAFT

Executive Summary

City of Knoxville, TN
June 2020



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Executive Summary

1.0 Overview

The purpose of the Knoxville Sidewalk Study is to provide a clear direction for sidewalk infrastructure in the City of Knoxville, ensuring that residents and visitors are able to walk or use a mobility device in a safe and comfortable manner. To this end, the study includes a comprehensive inventory of the existing sidewalk network, an inclusive public and stakeholder outreach and engagement effort, and a deliberate analysis of priorities. The study establishes a framework that can inform sidewalk investment in the city going forward and help the city identify both short- and long-term investment priorities.

The Knox County population is poised to grow by 25 percent by 2050 (University of Tennessee, 2019). With this growth comes the need to invest and reinvest in infrastructure to connect neighborhoods, schools, parks, commercial areas, and employment centers. While some trips are still best accomplished with motor vehicles – personal automobile, transit, or rideshare – shorter trips can be accomplished using active transportation, specifically bicycling or walking.

Recent trends also demonstrate an increased interest in active transportation, including pedestrian facilities. As the Knoxville region continues to grow, providing transportation choices for people of all ages and abilities will become increasingly important. The Knoxville Sidewalk Study provides a framework for meeting the growing demand for safe and comfortable pedestrian facilities. Meeting the growing demand for walking will not only improve conditions for pedestrians but will also enhance the quality of life in neighborhoods, support economic development, and build upon Knoxville's unique assets to reinforce the city's position as the regional hub of East Tennessee.

1.1 Public and Stakeholder Involvement

Public and stakeholder involvement played a critical role in the development of the Knoxville Sidewalk Study. The primary means of involvement consisted of public workshops (held in each of the city's planning sectors), stakeholder roundtables, the use of an online survey and mapping application, and media outreach. At its core, public and stakeholder involvement was shaped by three primary questions facing pedestrian mobility in the City of Knoxville:

1. What are your priorities for the sidewalk system in Knoxville?
2. What type of improvements would you like to see?
3. What are specific suggestions for locations that would benefit from a new or improved sidewalk or crosswalk?

The responses to these questions, received through various means and on multiple platforms, ultimately informed the study's goals and objectives, approach to the analysis of the existing sidewalk system, and the recommended sidewalk improvements.

1.2 Goals and Objectives

Based on the input received from the public and stakeholders – as well as guidance from local officials – the following goals and objectives were identified to guide the development of the Knoxville Sidewalk Study.

Goal 1: Construct new sidewalks and crosswalks in areas without pedestrian facilities

- Expand the sidewalk network into areas with the highest demand for walking and areas with vulnerable populations (e.g., older adults, people with disabilities, low income households) who would most benefit from an improved pedestrian environment

Goal 2: Improve existing sidewalks and crosswalks that are in poor condition

- Prioritize existing facilities in poor condition for targeted rehabilitative maintenance

Goal 3: Prioritize pedestrian connections to public transit and places where people work

- Coordinate with Knox Area Transit (KAT) to determine high priority locations for pedestrian facilities near transit services
- Connect to major employment centers, particularly those without existing pedestrian facilities

Goal 4: Focus on filling gaps between existing sidewalks, including crosswalks

- Identify gaps in the existing network for new facilities, prioritizing shorter network gaps
- Focus on key intersections where pedestrian safety would be most improved by the addition or improvement of a sidewalk

Goal 5: Expand pedestrian connections to schools, parks, and other public facilities

- Evaluate and improve the pedestrian environments around school facilities, particularly the Parental Responsibility Zones (PRZs) associated with elementary and middle schools
- Improve connectivity to parks and public facilities

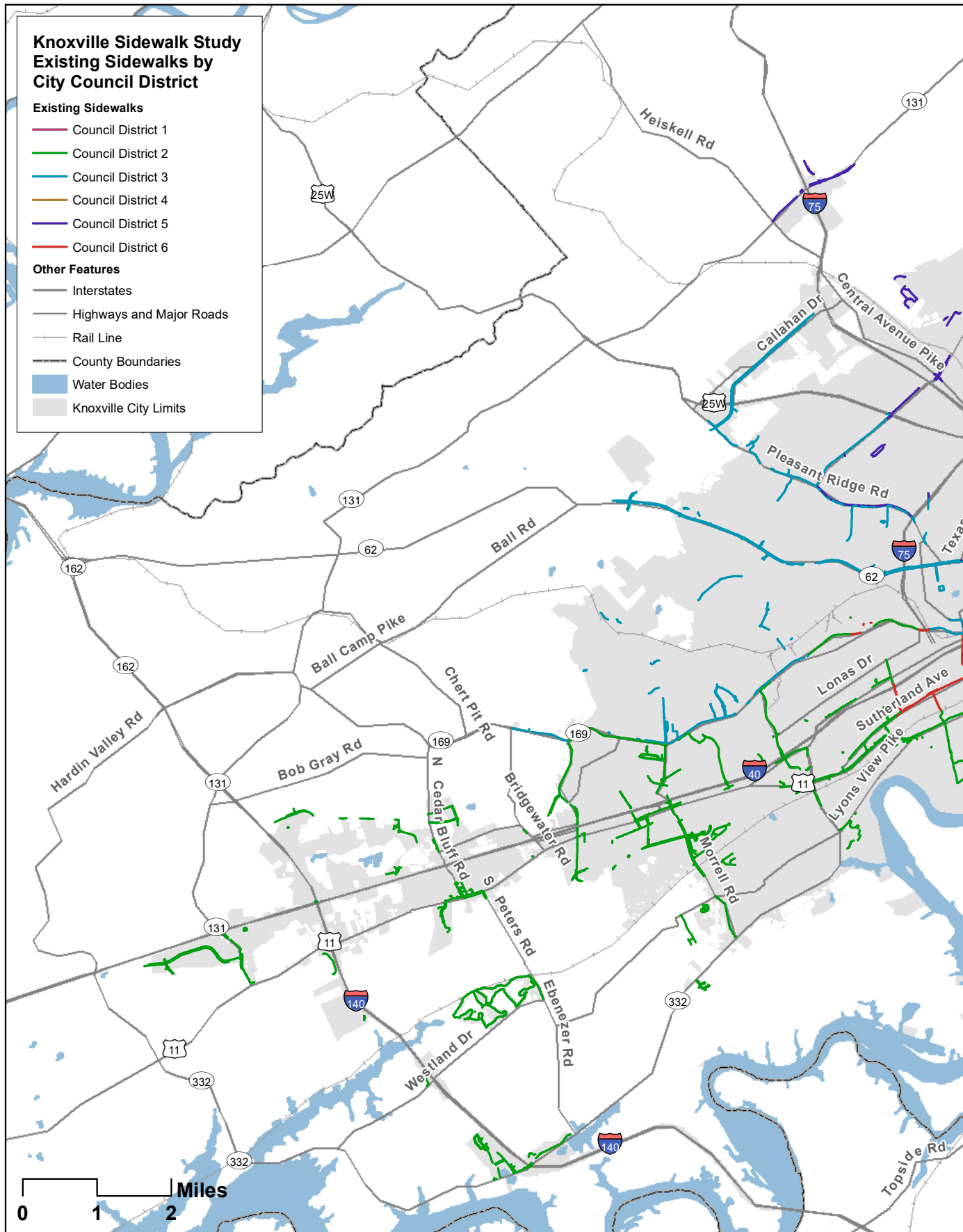
2.0 Existing Network Analysis

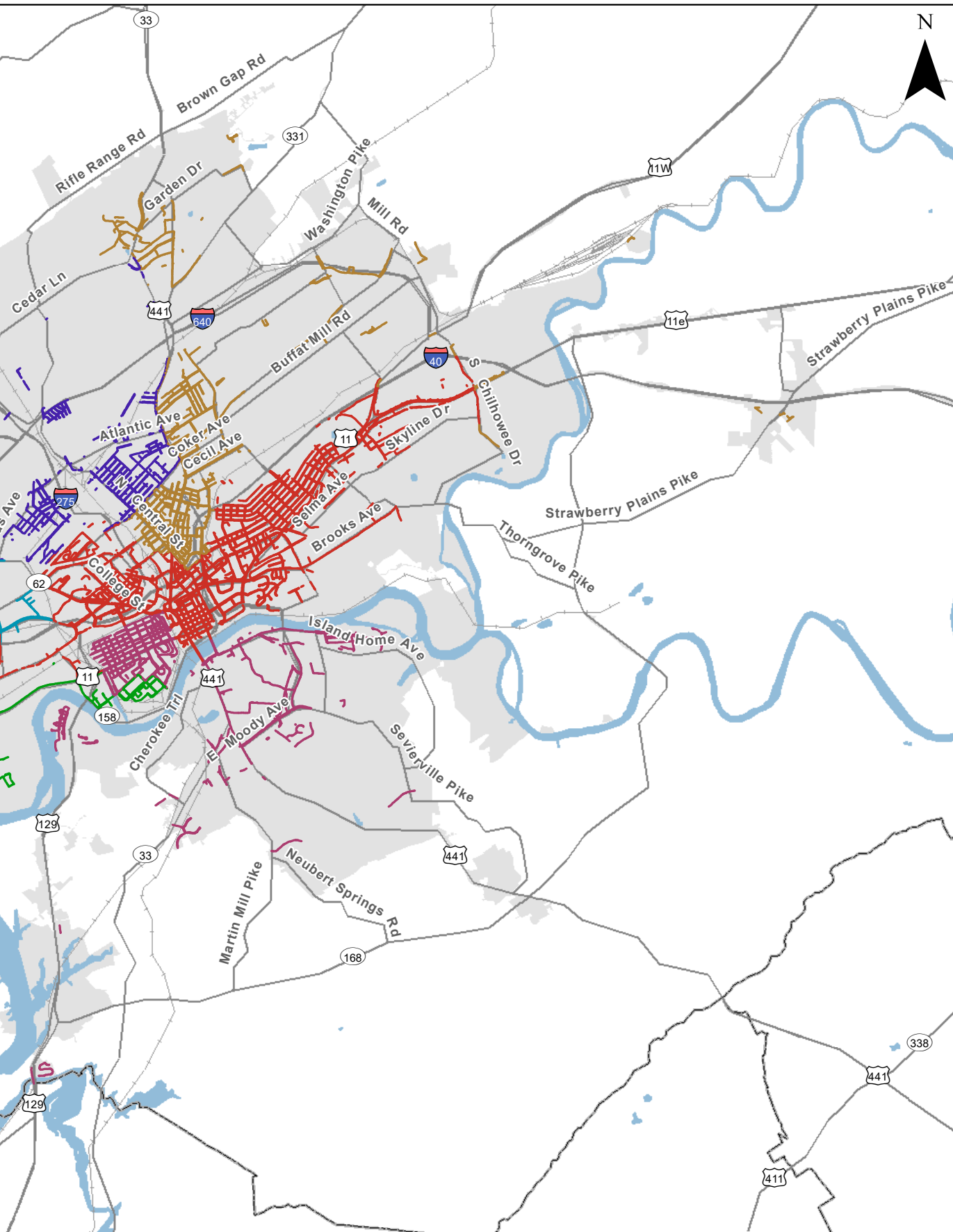
Table ES2-1. Existing Network Miles by City Council District

Council District	Miles of Sidewalks	Percentage of Total Network
1	52	15%
2	29	8%
3	31	9%
4	60	17%
5	39	11%
6	134	39%
TOTAL	345	100%

The City of Knoxville currently has approximately 345 miles of existing sidewalks. Table ES2-1 shows a breakdown of total network miles by city council district. The majority of the existing network is located within Council District 6, which includes downtown Knoxville and all of east Knoxville. Council District 1, which includes the University of Tennessee area and south Knoxville, and Council District 4, which encompasses the northeast portion of the city, also have relatively large shares of the existing network mileage. Figure ES2-1 shows a graphical representation of the existing network by city council district.

Figure ES2-1. Existing Sidewalk Network





3.0 Pedestrian System Analysis

To better understand the opportunities and challenges present in the existing pedestrian network, a pedestrian system analysis was conducted, providing a comprehensive view of the current sidewalk network. The results of this analysis form the basis for the pedestrian network plan recommendations. The pedestrian system analysis consists of four primary components, discussed below.

1. Pedestrian Demand Analysis

The pedestrian demand analysis determined where current pedestrian demand likely exists, regardless of the presence or absence of existing facilities; in other words, where users would likely walk, provided they felt comfortable doing so.

2. Pedestrian Safety Analysis

The pedestrian safety analysis was performed using data provided by the Knoxville Regional Transportation Planning Organization (TPO). The data is comprised of 11 years of crash report data collected and reported by the Knoxville Police Department (KPD). The analysis related the crash locations to an existing sidewalk segment, intersection, or segment of roadway currently lacking sidewalks. The analysis identified areas within the existing network where pedestrian crashes are present, as well as the roadway characteristics and aggravating factors associated with those crashes.

3. Health and Equity Analysis

A health and equity analysis identified areas of the city, at the Census Block Group level, with high concentrations of vulnerable populations; that is, residents who are more dependent on sidewalks and transit networks to access destinations, as well as residents in need of pedestrian infrastructure to improve health outcomes.

4. Sidewalk “Network Gap” Analysis

A Sidewalk “Network Gap” Analysis identified key “network gaps” in the existing sidewalk network. The sidewalk “network gaps” identified included sections along 1) any public roadway that lacks a sidewalk on either side, 2) arterial roadways and high volume collectors that lack a sidewalk on one or both sides, and 3) any public roadway missing segments of sidewalk between two separate sections of existing sidewalk.

Taken together, these findings, in addition to the critical feedback from the public and stakeholders, formed the basis of the Pedestrian Network Plan.

4.0 Pedestrian Network Plan

The results of the pedestrian system analysis provide the basis for the pedestrian network plan (PNP). The overall PNP represents a list of potential pedestrian network improvement projects unconstrained by funding levels or a complete feasibility or constructability review. The primary purpose of the PNP is to identify the facilities needed to establish sufficient network connectivity through the construction of new sidewalks along existing roadways. The PNP does not include pedestrian and multi-use path projects identified in the 2016 Greenway Corridor Feasibility and Assessment Study. As shown in Figures 4-1 through 4-7, the PNP includes sidewalk projects in all six city council districts, which, if fully implemented, would increase the city's sidewalk network by approximately 410 miles.

The PNP is not intended to address maintenance, repair, or modification of existing pedestrian facilities. The PNP proposes a snapshot of identified new facility needs and should be updated regularly to accommodate changes in land use, population densities, and other changes that would affect the location and needs of new pedestrian infrastructure.

Full implementation of all sidewalk recommendations is highly unlikely in the near future. As such, the PNP includes prioritization factors to identify strategic investments the city can make over time, ultimately working toward a larger and more accessible citywide sidewalk network.

Tables 4-1 through 4-6 show the priority projects in each council district. These projects include only those recommendations located on city-owned and -maintained roadways. Table 4-7 shows the top project priorities located along State Routes throughout the City of Knoxville.

**Knoxville Sidewalk Study
Pedestrian Network Plan**

Existing Sidewalk
Proposed Sidewalk

Other Features
Interstates
Highways and Major Roads
Rail Line
County Boundaries
Water Bodies
Knoxville City Limits

0 1 2 Miles

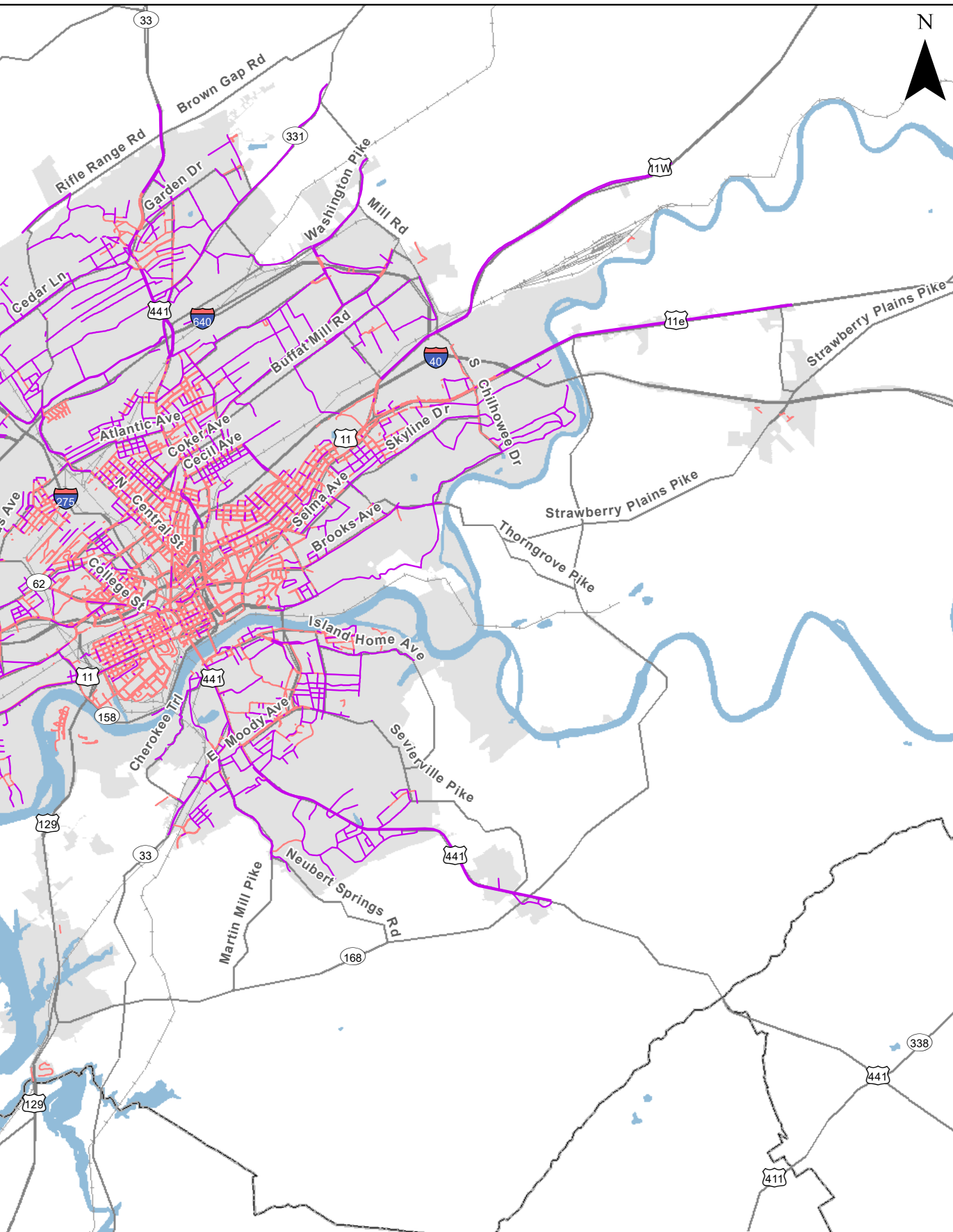
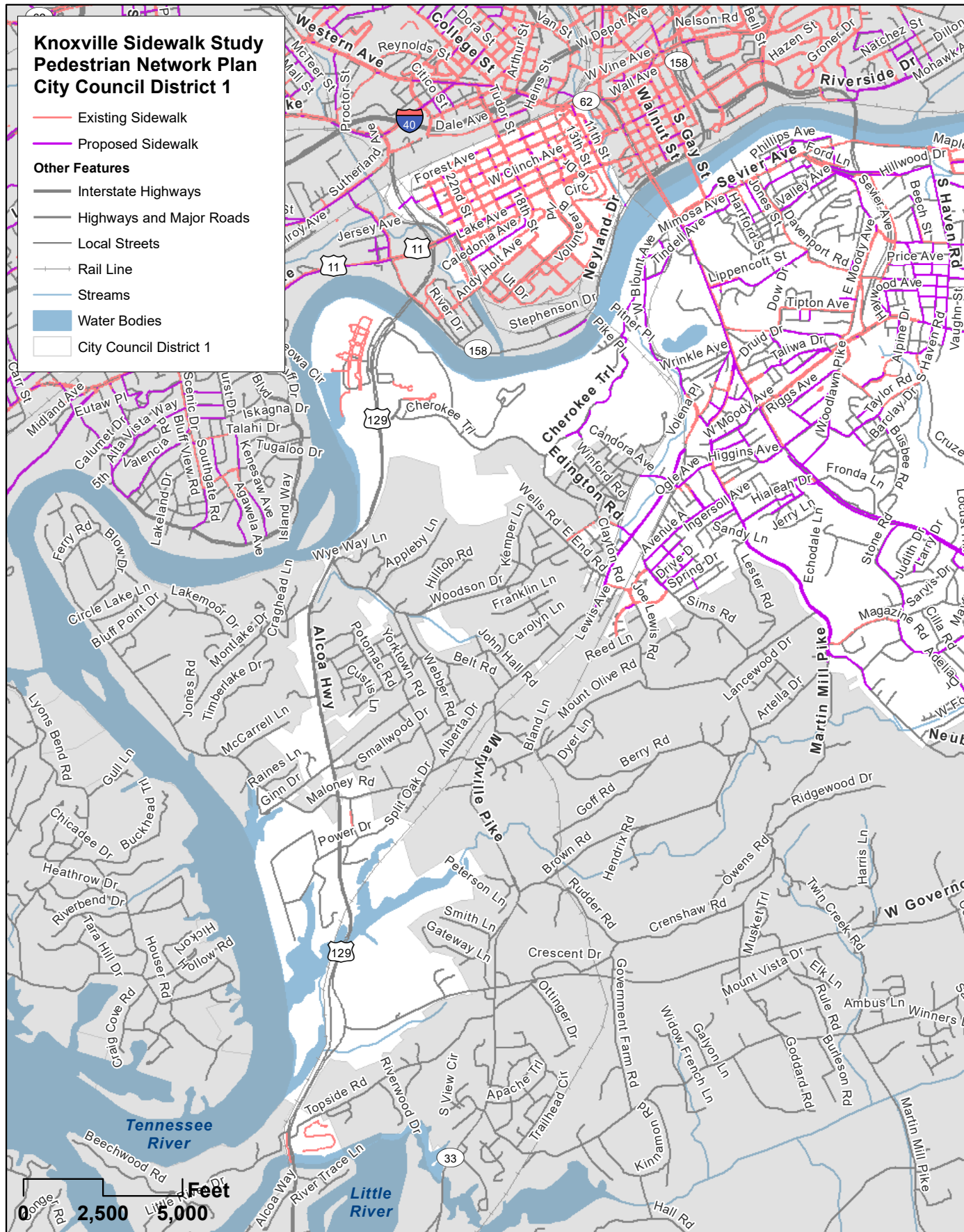
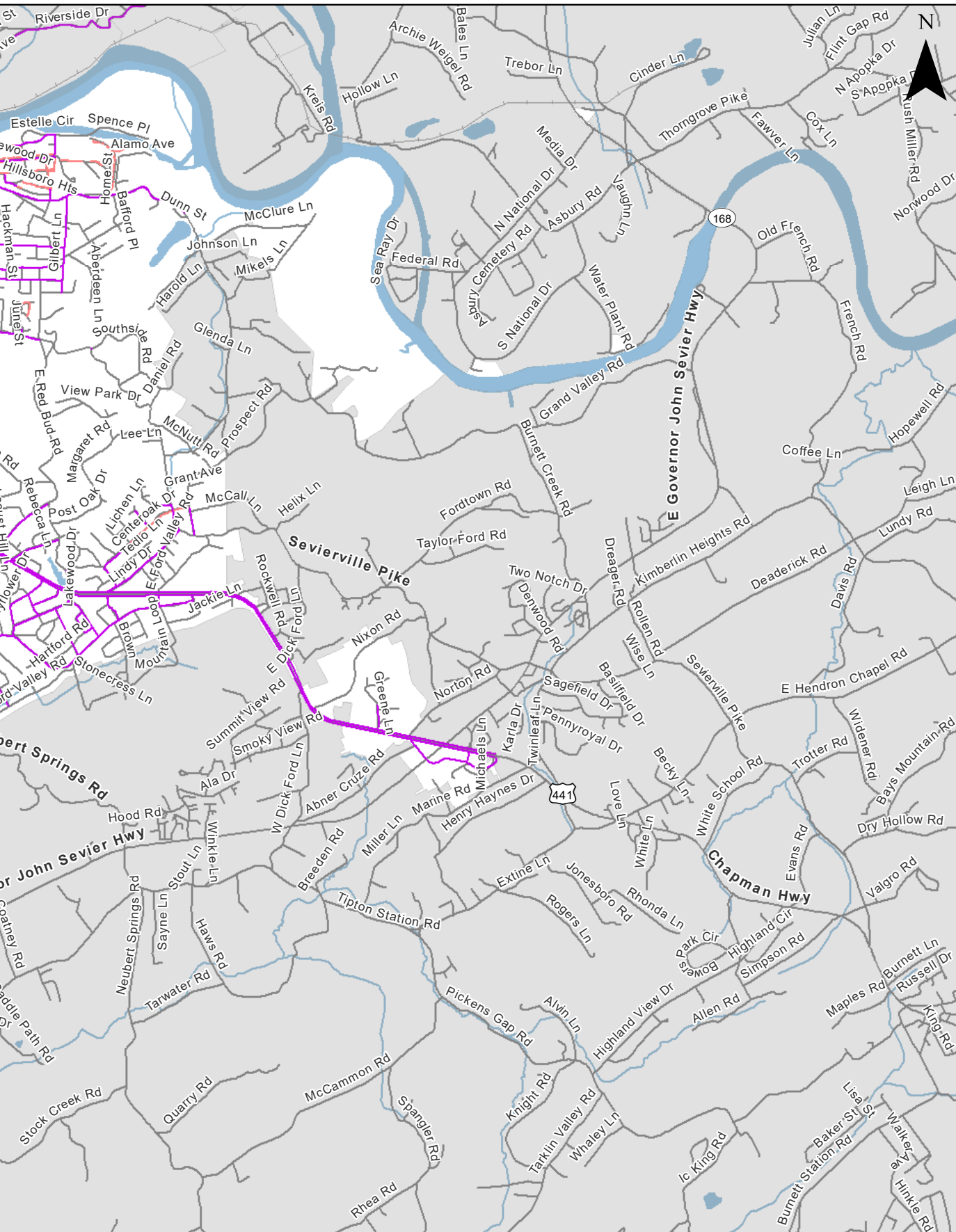


Figure ES4-2. Pedestrian Network Plan – Council District 1





**Knoxville Sidewalk Study
Pedestrian Network Plan
City Council District 2**

Existing Sidewalk
Proposed Sidewalk

Other Features

- Interstate Highways
- Highways and Major Roads
- Local Streets
- Rail Line
- Streams
- Water Bodies
- City Council District 2

0 2,500 5,000 Feet

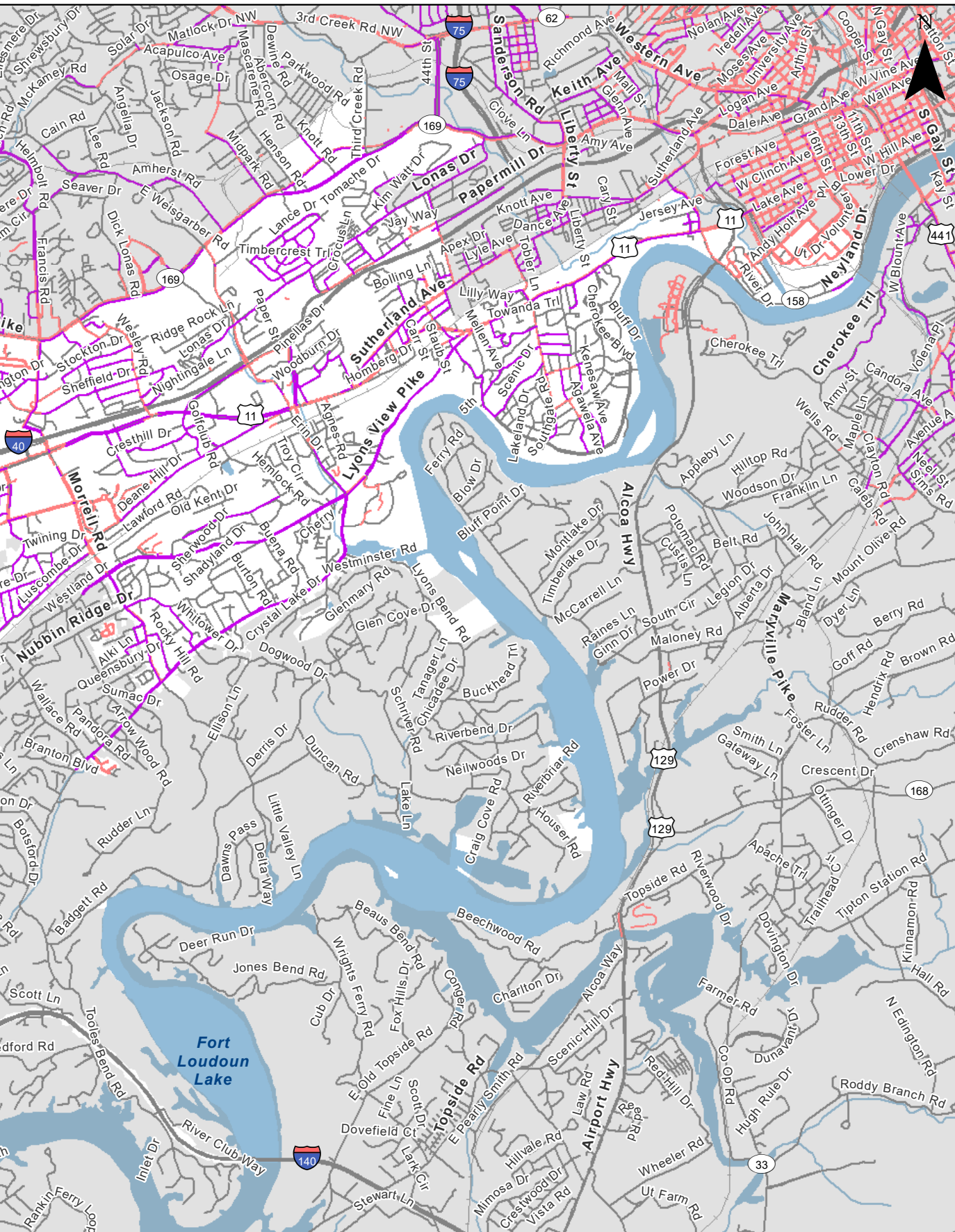
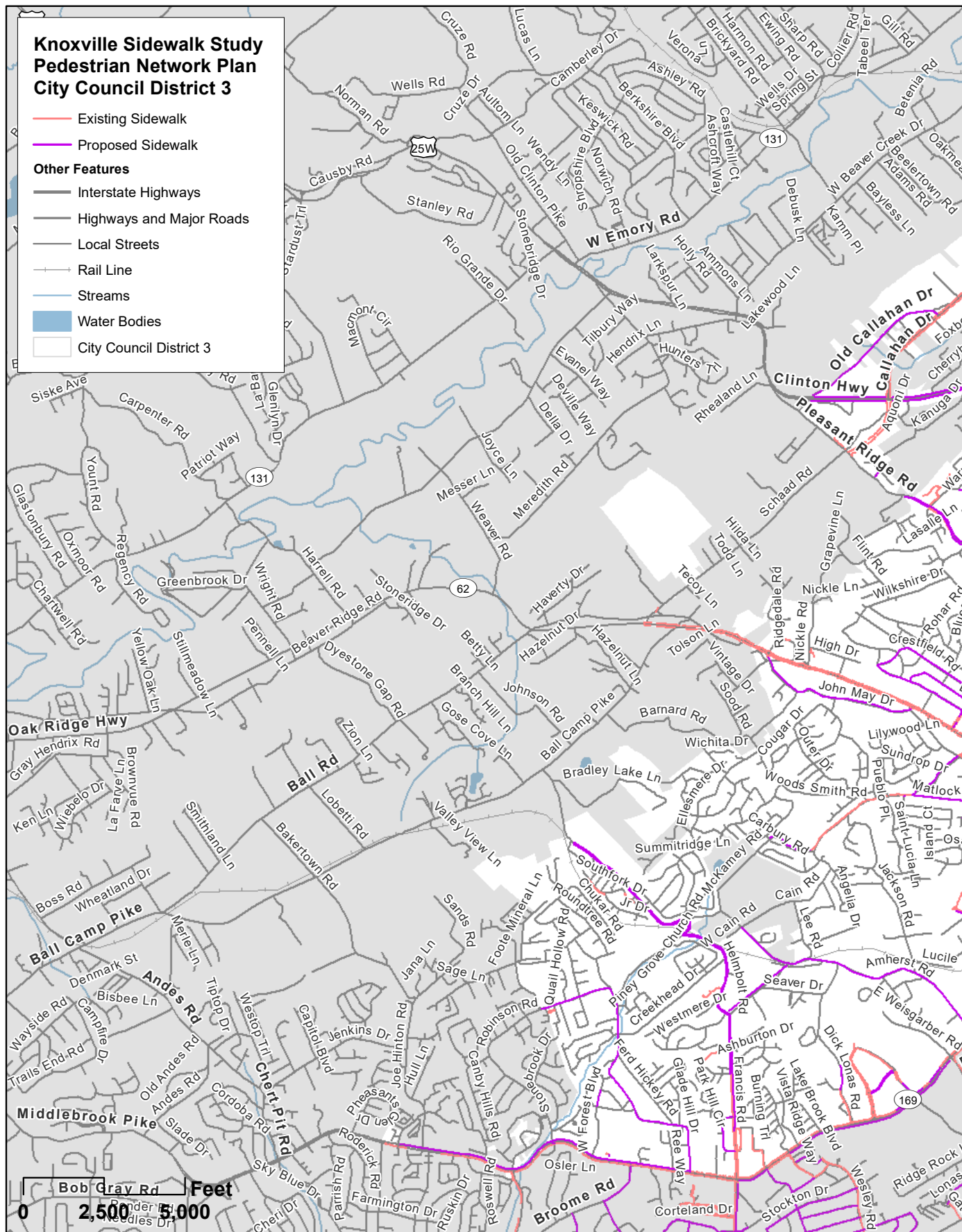


Figure ES4-4. Pedestrian Network Plan – Council District 3



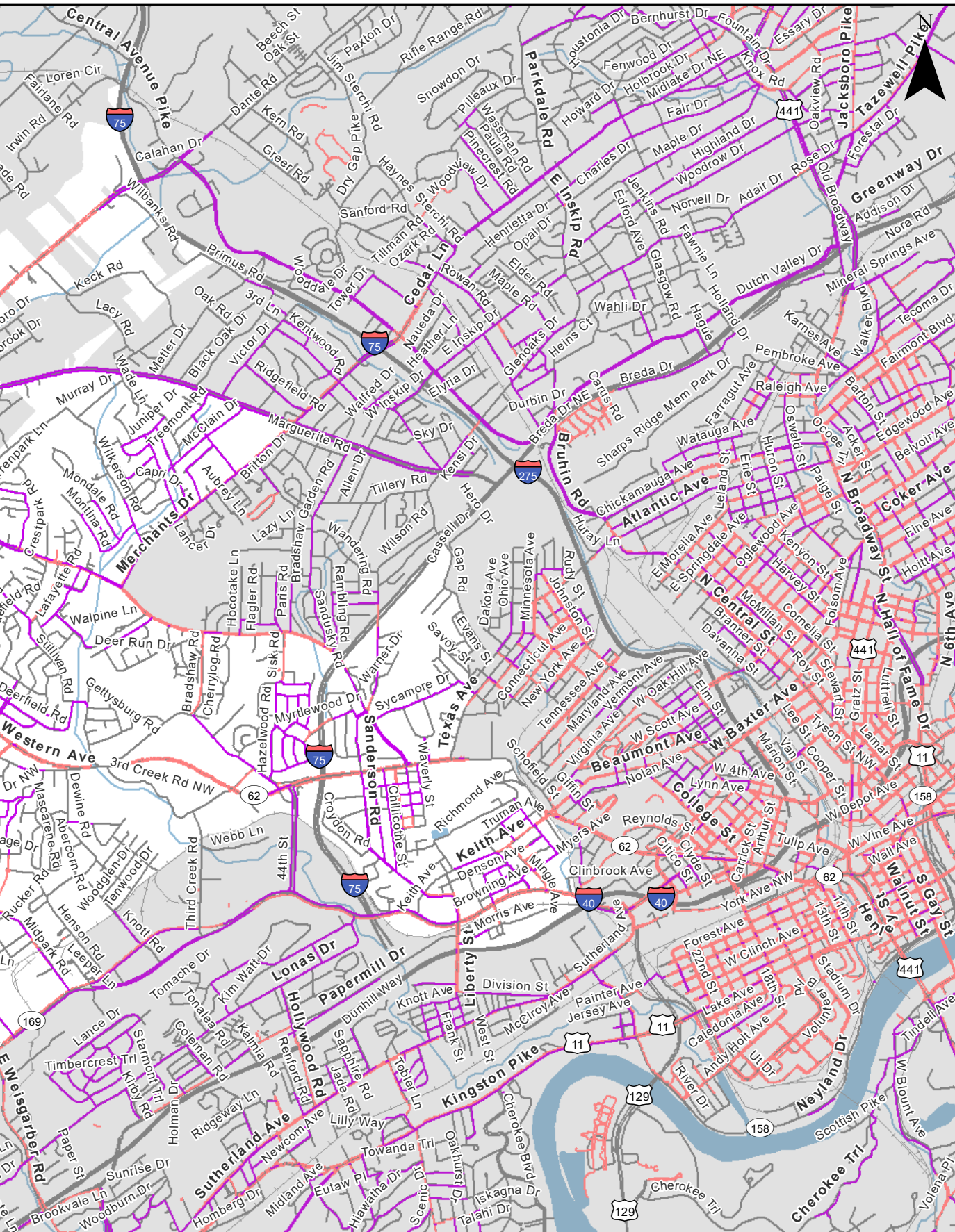
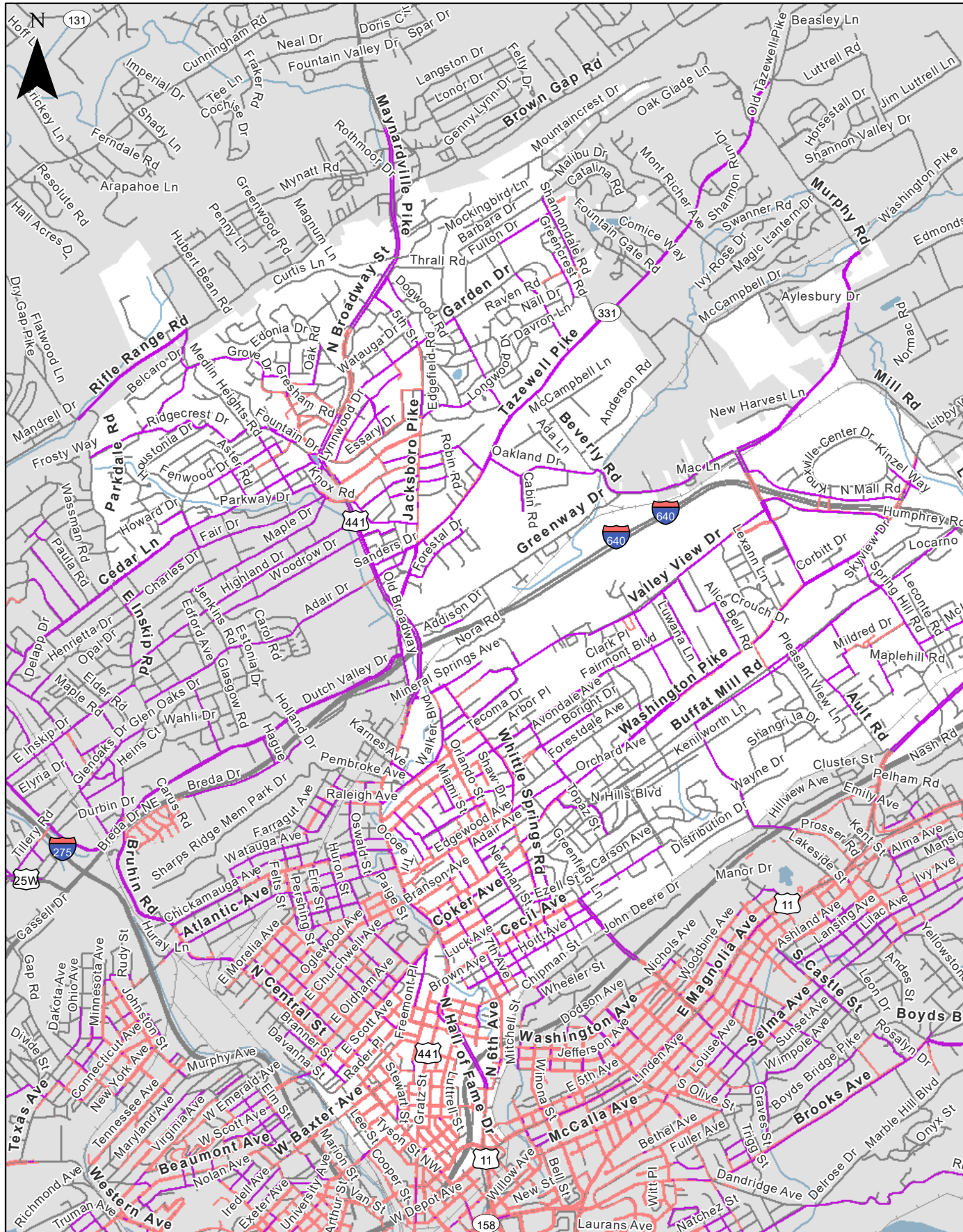


Figure ES4-5. Pedestrian Network Plan – Council District 4



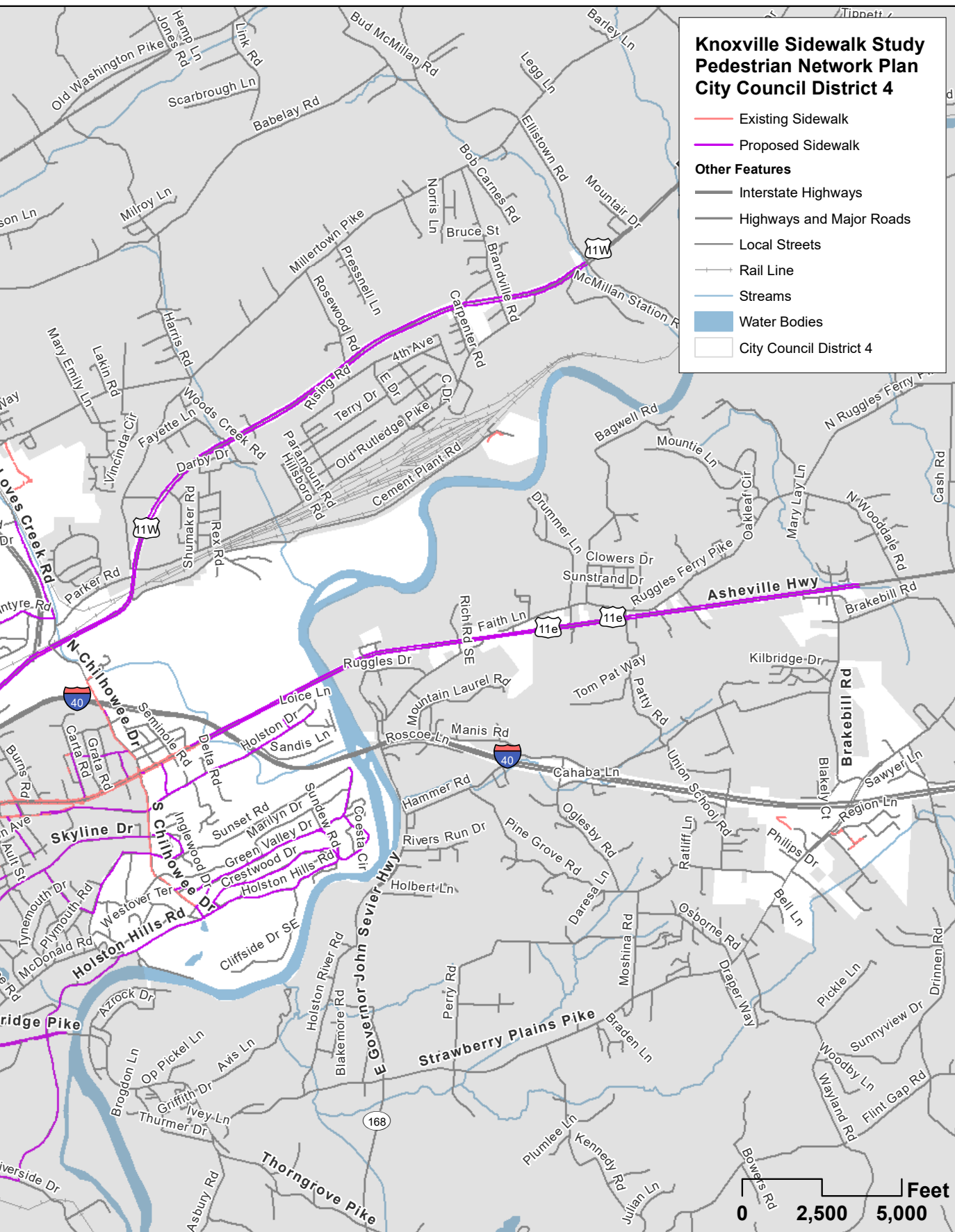
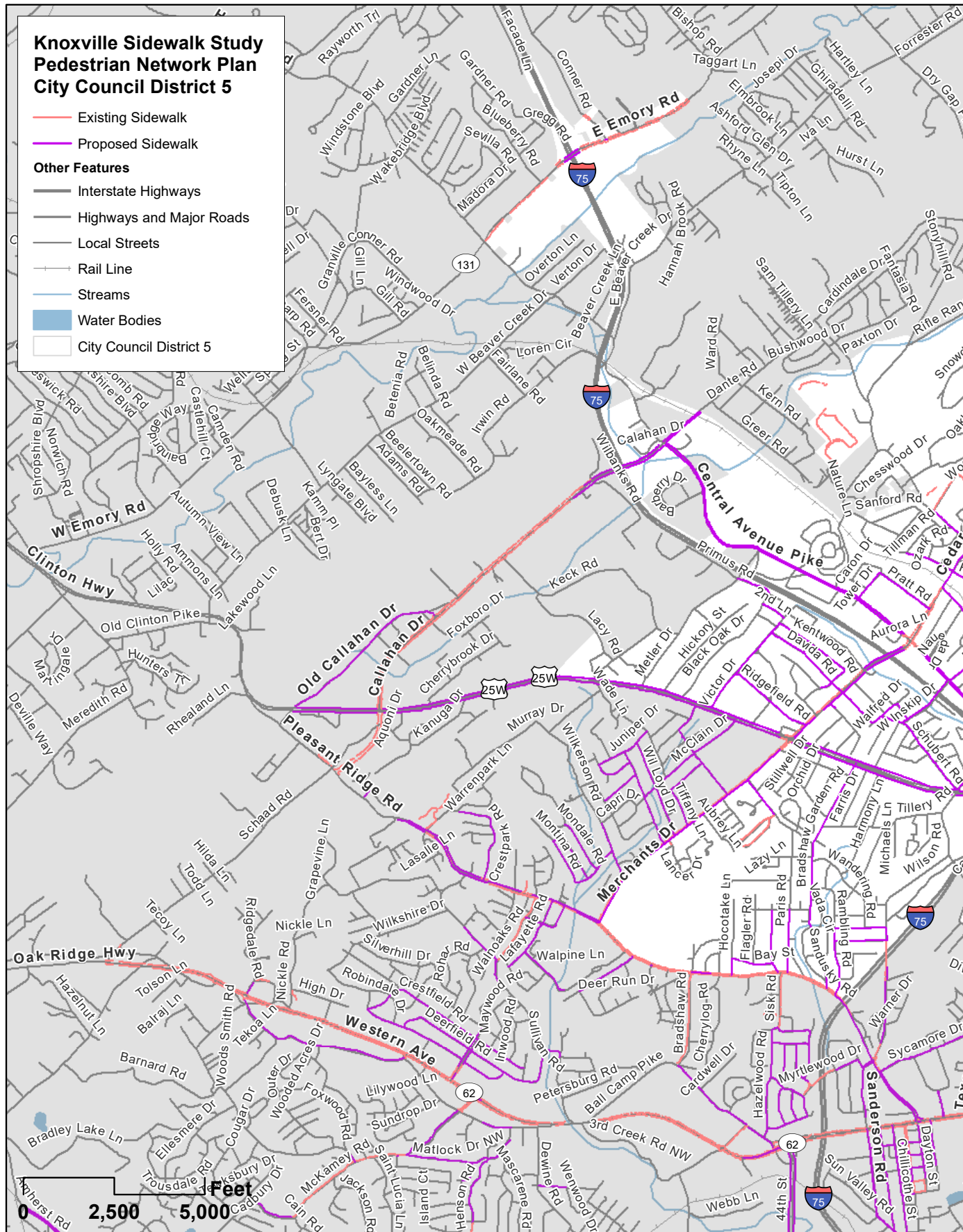
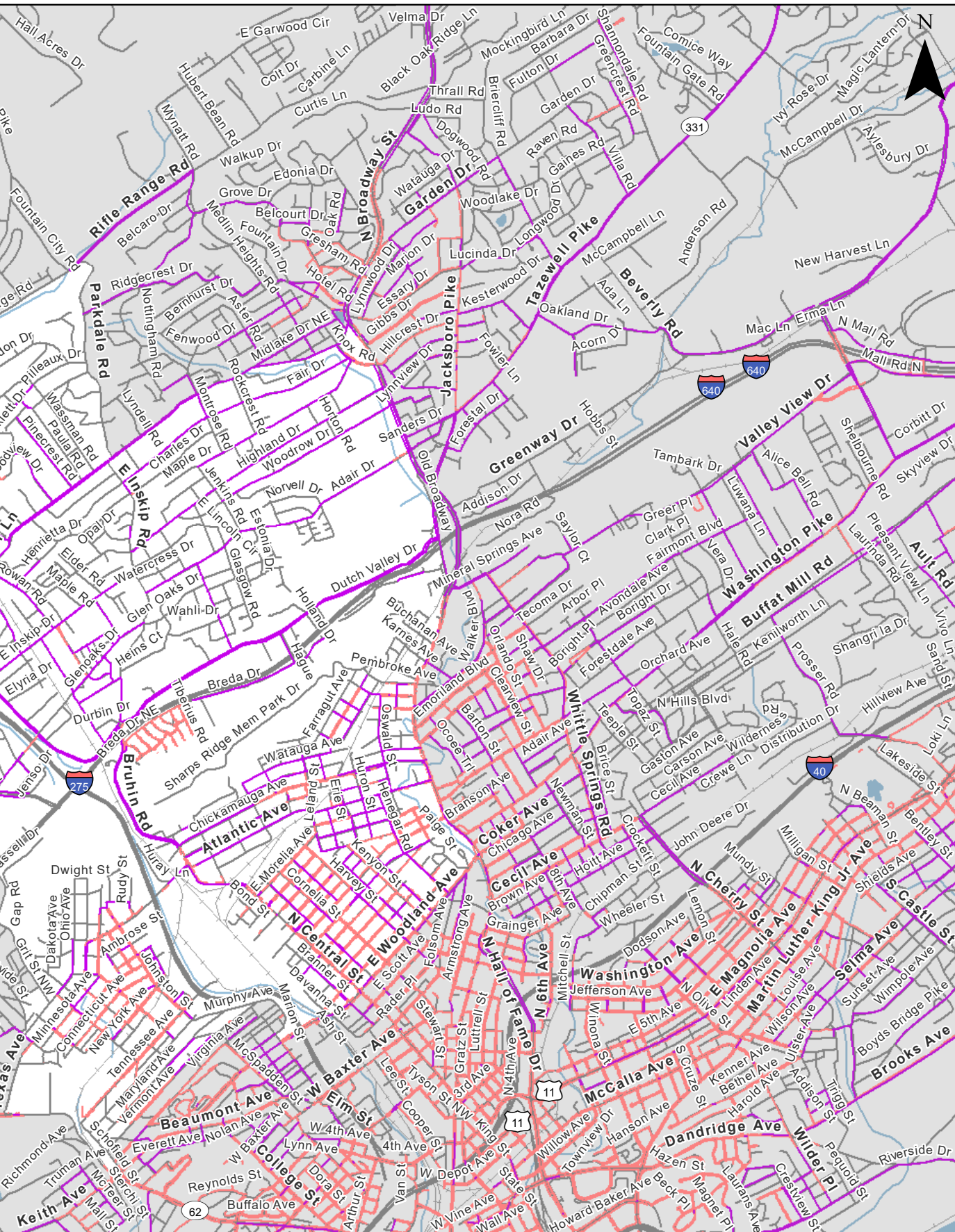


Figure ES4-6. Pedestrian Network Plan – Council District 5





**Knoxville Sidewalk Study
Pedestrian Network Plan
City Council District 6**

Existing Sidewalk
Proposed Sidewalk

Other Features

- Interstate Highways
- Highways and Major Roads
- Local Streets
- Rail Line
- Streams
- Water Bodies
- City Council District 6

0 2,500 5,000 Feet

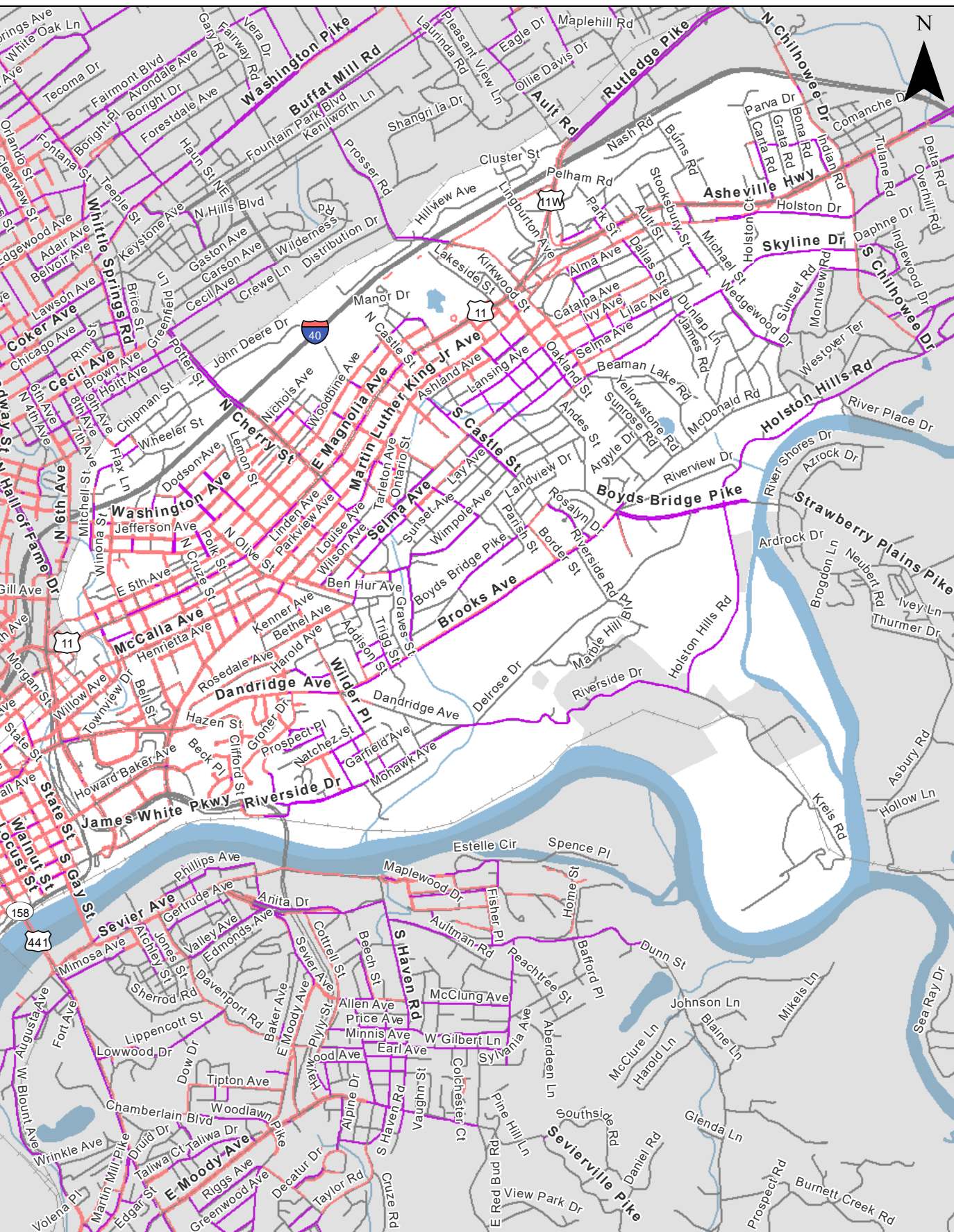


Table ES4-1. Priority Projects – Council District 1

Street	From	To	Length (ft)	Roadway Class	Estimated Cost
Anita Dr	Sevier Ave	James White Pkwy Ramp	780	Minor Arterial	\$696,136
Anita Dr	Ford Pl	Hillwood Dr	2,140	Minor Arterial	\$1,911,130
Atchley St	190' South of Mimosa Ave	Yarnell Ave	682	Local	\$507,904
Baker Avenue	1125 Baker Ave	Davenport Rd	363	Local	\$270,155
Council Pl	S Gay St	Sevier Ave	1,839	Local	\$1,370,160
Dawson St	Sevier Ave	Mimosa Ave	332	Local	\$247,678
Dixie St	Waterfront Dr	Island Home Ave	799	Local	\$594,897
East Young High Pike	Chapman Hwy	Woodlawn Pike	1,731	Major Collector	\$1,453,629
Gertrude Avenue	Davenport Rd	Lincoln St	1,775	Local	\$1,322,603
Jones St	Sevier Ave	Boggs Ave	1,017	Local	\$757,532
Lippencott Street	University Park Apartments	Davenport Rd	2,610	Minor Collector	\$2,174,354
Maryville Pike	Chapman Hwy	North of Flenniken Ave	1,061	Major Collector	\$891,095
McClung Ave	Sevier Ave	Beech St	569	Minor Collector	\$474,186
Mimosa Ave	Chapman Hwy	Dawson St	1,595	Local	\$1,188,318
Phillips Avenue	Barber St	McCormick St	2,445	Local	\$1,821,510
S 23rd St	Forest Ave	Clinch Ave	1,573	Local	\$1,171,760
Sevier Avenue	Cottrell St	Sevierville Pike	2,871	Major Collector	\$2,411,881
Sevierville Pike	Sevier Ave	South Haven Rd	723	Major Collector	\$607,723
Taylor Road	Galbraith School Rd	Woodlawn Pike	2,109	Minor Collector	\$1,756,918
W Blount Ave	River Walk Greenway	Scottish Pike	1,053	Major Collector	\$884,309
W Martin Mill Pike	180' S of Ogle Ave	City Limits (S of Neubert Springs Rd)	7,542	Minor Arterial	\$6,735,366
W Martin Mill Pike	McNabb Ave	Magazine Rd	6,031	Minor Arterial	\$5,386,093
W Martin Mill Pike / Neubert Springs Rd	Magazine Rd	Lake Glen Ln	2,161	Minor Arterial	\$1,929,560
Woodlawn Pike	Ellis St	E Moody Ave	1,966	Minor Collector	\$1,637,990
Woodlawn Pike	Galbraith School Rd	Chapman Hwy	3,378	Minor Collector	\$2,814,016

Table ES4-2. Priority Projects – Council District 2

Street	From	To	Length (ft)	Roadway Class	Estimated Cost
Bearden Road	Woodburn Dr	Kingston Pike	1,243	Local	\$926,055
Bennington Dr	Sheffield Dr	Vanosdale Rd	1,428	Minor Collector	\$1,189,509
Bennington Dr	Vanosdale Rd	Bennington Cir	465	Local	\$346,621
Buckingham Dr	Vanosdale Rd	Portsmouth Rd	667	Minor Arterial	\$595,982
Cross Park Drive	Park Village Rd	Cross Creek Rd	1,922	Major Collector	\$1,614,798
Kelly Pl	Renford Rd	Hollywood Rd	468	Local	\$348,429
Kenesaw Ave	Iskagna Dr	Keowee Ave	1,185	Local	\$882,611
Lyons View Pike	130' S of Kingston Pike	TN Veterans Cemetery	7,064	Minor Arterial	\$6,307,798
Lyons View Pike	Existing Sidewalk S of Kingston Pike	Lakeshore Park	6,878	Minor Arterial	\$6,141,945
Montvue Rd	Ray Mears Blvd	217 Montvue Rd	904	Minor Arterial	\$807,248
Morrell Rd	Alki Ln	S Northshore Dr	1,695	Minor Arterial	\$1,513,896
Morrell Rd	Westland Dr	S Northshore Dr	3,130	Minor Arterial	\$2,795,402
Morrell Rd	West Town Mall North Entrance	West Town Mall South Entrance	390	Minor Arterial	\$348,383
N Gallaher View Rd	Bridgedale Dr	Kingston Pike	435	Minor Arterial	\$388,024
N Gallaher View Rd	E Walker Springs Ln	Walbrook Dr	475	Minor Arterial	\$424,006
N Weisgarber Rd	307 N Weisgarber Rd	Highland Place Way	465	Minor Collector	\$387,684
Park Village Rd	Ten Mile Rd	Cross Park Dr	514	Minor Collector	\$428,306
Park Village Road	185' South of Dutchtown Rd	Cross Park Dr	1,603	Minor Collector	\$1,335,599
Renford Rd	Eastern Dr	Sutherland Ave	743	Local	\$553,590
S Concord St	Sutherland Ave	Kingston Pike	2,538	Minor Arterial	\$2,266,052
Southgate Rd	Keowee Ave	Cherokee Blvd	1,489	Minor Collector	\$1,240,479
Toole Dr	Bearden Rd	Greenbrier Dr	1,164	Local	\$867,255
W Nokomis Cir	Iskagna Dr	Keowee Ave	1,219	Local	\$907,855
Walker Springs Rd	Walbrook Dr	Kingston Pike	1,288	Minor Arterial	\$1,150,578
Yorkshire Dr	Whitehall Rd	Wesley Rd	929	Minor Collector	\$773,867

Table ES4-3. Priority Projects – Council District 3

Street	From	To	Length (ft)	Roadway Class	Estimated Cost
Belmont Heights Ave	West View Elementary School	McTeer St	476	Local	\$354,383
Dawn St	Truman Ave	Keith Ave	689	Local	\$512,934
Deer Creek Dr	Deer Run Dr	Pleasant Ridge Rd	1,795	Local	\$1,337,521
Denson Ave	Loraine St	Glenn Ave	798	Local	\$594,520
Francis Rd	Helmbolt Rd	Bearden Middle School	3,485	Minor Arterial	\$3,112,408
Freedonia Rd	Treemont Dr	Merchant Dr	2,242	Local	\$1,669,946
Glenn Avenue	Keith Ave	Middlebrook Pike	1,506	Minor Collector	\$1,254,891
Hazelwood Rd	Westgate Dr	Ball Camp Pike	3,171	Minor Collector	\$2,641,467
Keith Ave	Richmond Hill Rd	Glenn Ave	1,414	Major Collector	\$1,187,384
Loraine St	Denson Ave	Middlebrook Pike	915	Local	\$681,866
McPherson St	Sycamore Dr	Texas Ave	632	Local	\$470,831
McTeer St	Keith Ave	Fillmore Ave	1,117	Local	\$832,497
McTeer St	Richmond Ave	Keith Ave	1,031	Local	\$768,091
Morris Ave	Liberty St	Cora St	1,054	Local	\$785,477
Pleasant Ridge Rd	Sanderson Rd	Western Ave	2,032	Minor Arterial	\$1,814,152
Pleasant Ridge Rd	Sycamore Dr	Western Ave	1,752	Minor Arterial	\$1,564,707
Pleasant Ridge Rd	Murray Dr	Crestpark Rd	2,049	Minor Arterial	\$1,830,093
Raniance Dr	Tiffany Rd	Freedonia Rd	1,139	Local	\$848,846
Sanderson Rd	Western Ave	Keith Ave	4,556	Major Collector	\$3,826,641
Sanderson Rd / Liberty St	Carnation Dr	Middlebrook Pike	5,520	Major Collector	\$4,636,650
Sanderson Road	Elderwood Rd	Pleasant Ridge Rd	300	Major Collector	\$251,986
Tiffany Rd	Raniance Dr	Merchant Dr	1,077	Local	\$802,216
Walridge Rd	Walnoaks Rd	Pleasant Ridge Rd	1,485	Local	\$1,106,577
West Park Dr	Francis Rd	Francis Rd	1,567	Local	\$1,167,342
Wilson Road	Ivory Gable Way	Sidewalk North of Pleasant Ridge Rd	1,706	Major Collector	\$1,433,099

Table ES4-4. Priority Projects – Council District 4

Street	From	To	Length (ft)	Roadway Class	Estimated Cost
Barton St	Edgewood Ave	Washington Pike	1,222	Local	\$910,631
Cecil Ave	Eighth Ave	1906 Cecil Ave	82	Major Collector	\$68,868
Church St	Fountain Rd	125' West of N Broadway	152	Local	\$113,436
Dahlia Dr	College Park Ln	Holbrook Dr	864	Local	\$643,884
Fairmont Blvd	2527 Fairmont Blvd	Whittle Springs Rd	235	Major Collector	\$197,128
Fairview St	Edgewood Ave	Washington Pike	1,247	Local	\$928,838
Fountain Rd	Church St	N Broadway	638	Local	\$475,355
Fountain Rd	Dahlia Dr	5507 Fountain Rd	909	Local	\$677,263
Fremont Pl	E Woodland Ave	1520 Fremont Pl	1,434	Local	\$1,068,011
Garden Dr	Glenhaven Rd	Briercliff Rd	3,739	Minor Collector	\$3,114,650
Glenhaven Rd	Garden Dr	Marion Dr	1,019	Local	\$758,889
Harvey St	E Oak Hill Ave	E Scott Ave	1,598	Minor Collector	\$1,331,163
Howard St	Washington Pike	McCroskey Ave	1,413	Local	\$1,052,643
Jacksboro Pike	Nichols Dr	Essary Dr	785	Major Collector	\$659,692
Lawson Avenue	Nadine St	Whittle Springs Rd	2,065	Local	\$1,538,212
Lynnwood Dr	Glenhaven Rd	Essary Dr	2,121	Local	\$1,580,147
Marion Drive	Stanton Rd	Central High School	1,566	Local	\$1,166,860
McCroskey Ave	N Sixth St	Nadine St	834	Local	\$621,161
Montbelle Dr	Fountain City Elementary School	Oak Rd	203	Local	\$151,454
N Sixth St	Cecil Ave	Hoitt Ave	663	Minor Collector	\$552,252
Nadine Street	Coker Ave	Cecil Ave	1,300	Local	\$968,393
Newman Street	Washington Pike	Fine Ave	1,759	Local	\$1,310,394
Ocoee Trl	Fairmont Blvd	Edgewood Park	1,404	Local	\$1,045,626
Radnor Rd	Renwood Dr	Holbrook Dr	338	Local	\$251,963
Valley View Drive	Whittle Springs Rd	White Oak Ln	2,253	Major Collector	\$1,892,625

Table ES4-5. Priority Projects – Council District 5

Street	From	To	Length (ft)	Roadway Class	Estimated Cost
Atlantic Ave	Pershing St	N Broadway	3,423	Major Collector	\$2,875,582
Banks Avenue	Pershing St	Henegar St	1,971	Local	\$1,468,435
Central Avenue Pike	Shasta Sr	E Inskip Dr	1,202	Minor Arterial	\$1,073,089
Central Avenue Pike	E Inskip Dr	Woodlawn Dr	1,988	Minor Arterial	\$1,774,993
Dutch Valley Dr	Central Avenue Pike	Bruhin Rd	1,034	Minor Arterial	\$923,084
Dutch Valley Dr	Central Avenue Pike	Bruhin Rd	972	Minor Arterial	\$868,099
E Columbia Ave / Ledgerwood Ave	Harvey St	Paige St	2,511	Local	\$1,870,461
E Emerald Ave	Harvey St	Kenyon St	605	Local	\$450,466
E Oldham Ave	W Glenwood Ave	Huron St	724	Local	\$539,012
Harvey St	Oglewood Ave	E Oak Hill Ave	993	Minor Collector	\$827,297
Henegar St	Banks Ave	Shamrock Ave	394	Local	\$293,744
Henegar St	Atlantic Ave	Ledgerwood Ave	2,420	Local	\$1,802,814
Huron St	Oglewood Ave	E Woodland Ave	2,067	Local	\$1,539,625
Huron Street	Maynard Ave	Shamrock Ave	1,451	Local	\$1,080,723
Inskip Drive	Central Ave Pike	Maple Rd	3,319	Major Collector	\$2,788,130
Kenyon Street	Radford Pl	Shamrock Ave	678	Local	\$504,808
Knox Rd	Cedar Ln	Maple Dr	534	Minor Collector	\$444,505
Louisiana Ave	1211 Louisiana Ave	Johnson St	467	Local	\$347,647
Merchant Dr	904 Merchant Dr	801 Merchant Dr	521	Minor Arterial	\$465,388
Merchant Dr	Family Inn Dr	Schubert Rd	823	Minor Arterial	\$735,014
Merchant Dr	Family Inn Dr	250' West of Central Avenue Pike	1,168	Minor Arterial	\$1,043,227
Pershing St	Atlantic Ave	Radford Pl	410	Minor Collector	\$341,555
Pershing St / Shamrock Ave	E Morelia Ave	Kenyon St	1,153	Local	\$858,835
Texas Ave	Burnside St	Bragg St	288	Major Collector	\$242,119
W Glenwood Ave	Atlantic Ave	Shamrock Ave	1,095	Local	\$815,580

Table ES4-6. Priority Projects – Council District 6

Street	From	To	Length (ft)	Roadway Class	Estimated Cost
Beaumont Ave	McSpadden St	W Baxter Ave	655	Major Collector	\$549,815
Belleaire Ave	McSpadden St	Elm St	891	Local	\$663,842
Biddle Street	S Chestnut Street	Brooks Ave	2,013	Minor Collector	\$1,676,761
Boys Bridge Pike	Border St	Fellowship Ln	2,289	Minor Collector	\$1,906,711
College St	Jourolman Ave	Nolan Ave	791	Minor Collector	\$658,844
Elm St (north)	W Scott Ave	W Anderson Ave	964	Minor Collector	\$803,155
Elm St (south)	300' South of W Baxter Ave	University Ave	1,135	Minor Collector	\$945,612
Hannah Ave	Ramsey St	Grand Ave	687	Local	\$511,950
Holston Dr	4660 Holston Dr	Holston Dr	677	Minor Collector	\$564,122
Holston Dr	Thomas Tank Strickland Park	S Chilhowee Dr	2,338	Minor Collector	\$1,947,556
Holston Dr	S Burns Rd	4658 Holston Dr	601	Minor Collector	\$500,448
Jessamine St	E Magnolia Ave	160' South of E Magnolia Ave	159	Minor Collector	\$132,658
McSpadden St	W Scott Ave	Beaumont Ave	611	Local	\$455,548
Proctor St	Western Ave	News Sentinel Dr	1,803	Minor Collector	\$1,501,577
Rosalyn Drive	Boys Bridge Pike	Brooks Ave	1,363	Local	\$1,015,209
S Castle St	Wilson Ave	Wimpole Ave	1,478	Minor Collector	\$1,231,378
S Chestnut Street	Graves St	Biddle St	524	Minor Collector	\$436,565
W Fifth Ave	Boyd St	James Ave	388	Local	\$288,954
W Fourth Ave	Boyd St	James Ave	790	Local	\$588,220
W Oldham Ave	McSpadden St	Elm St	1,059	Minor Collector	\$882,477
W Scott Ave	Reed St	McSpadden St	900	Local	\$670,765
W Scott Ave	1101 W Scott Ave	McSpadden St	115	Local	\$85,923
Wilder Pl	1301 Wilder Pl	Natchez Ave	769	Minor Collector	\$640,929
Wilson Ave	Parham St	Ben Hur Ave	402	Minor Collector	\$334,814
Wilson Avenue	S Hembree St	S Harrison St	1,342	Minor Collector	\$1,118,267

Table ES4-7. Priority Projects – State Routes (Citywide)

Street	From	To	Council District	Length (ft)	Roadway Class	Estimated Cost
Asheville Hwy	Nokomis Rd	5423 Asheville Hwy	4	460	Major Arterial	\$414,600
Chapman Hwy	W Moody Ave	E Young High Pike	1	1,350	Major Arterial	\$1,216,602
Chapman Hwy	W Blount Ave	W Martin Mill Pike	1	4,717	Major Arterial	\$4,250,307
Chapman Hwy	W Martin Mill Pike	W Moody Ave	1	1,422	Major Arterial	\$1,280,838
Chapman Hwy	E Young High Pike	Stone Rd	1	4,430	Major Arterial	\$3,991,396
Clinton Hwy	Merchant Dr	Tillery Dr	5	4,653	Major Arterial	\$4,192,162
Clinton Hwy	Existing Sidewalk E of Merchant Dr	Tillery Dr	5	4,003	Major Arterial	\$3,606,875
Kingston Pike	Towanda Trl	Leyland Dr	2	9,374	Major Arterial	\$8,446,147
Kingston Pike	Kingston Pointe Apartments	N Weisgarber Rd	2	1,258	Major Arterial	\$1,133,057
Kingston Pike	S Gallaher View Rd	North Winston Rd	2	4,175	Major Arterial	\$3,761,411
Kingston Pike	N Gallaher View Rd	North Winston Rd	2	4,176	Major Arterial	\$3,762,488
Middlebrook Pike	Vanosdale Rd	West Hills Rd	2	938	Major Arterial	\$845,361
Middlebrook Pike	Proctor St	Sutherland Ave	3, 6	1,691	Major Arterial	\$1,523,708
N Broadway	5352 N Broadway	150' South of Essary Dr	4	1,068	Major Arterial	\$962,512
N Broadway	5208 N Broadway	Gibbs Dr	4	307	Major Arterial	\$276,728
N Broadway	Colonial Cir	Old Broadway	4, 5	5,365	Major Arterial	\$4,834,253
N Broadway	Highland Dr	Adair Dr	4, 5	1,897	Major Arterial	\$1,708,886
N Broadway	Hillcrest Dr	Mineral Springs Ave	4	6,636	Major Arterial	\$5,978,819
N Broadway	Jacksboro Pike	Old Broadway	4	1,162	Major Arterial	\$1,047,295
N Broadway	Black Oak Ridge Ln	Eldridge Rd	4	2,528	Major Arterial	\$2,277,582
N Broadway	Old Broadway	S of Old Broadway	4, 5	3,770	Major Arterial	\$3,396,896
N Hall of Fame Dr	N Broadway	N 4th Ave	4	3,181	Minor Arterial	\$2,840,342
N Hall of Fame Dr	N Broadway	N 6th Ave	4	2,907	Minor Arterial	\$2,596,287
N Northshore Dr	Existing Sidewalk South of Papermill Dr	Existing Sidewalk North of Kingston Pike	2	1,716	Major Arterial	\$1,546,241
W Martin Mill Pike	Chapman Hwy	3521 W Martin Mill Pike	1	290	Minor Arterial	\$259,206
W Martin Mill Pike	Barrar Ave	Ogle Ave	1	926	Minor Arterial	\$826,595



Sidewalk Study
Executive Summary



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